

When you think

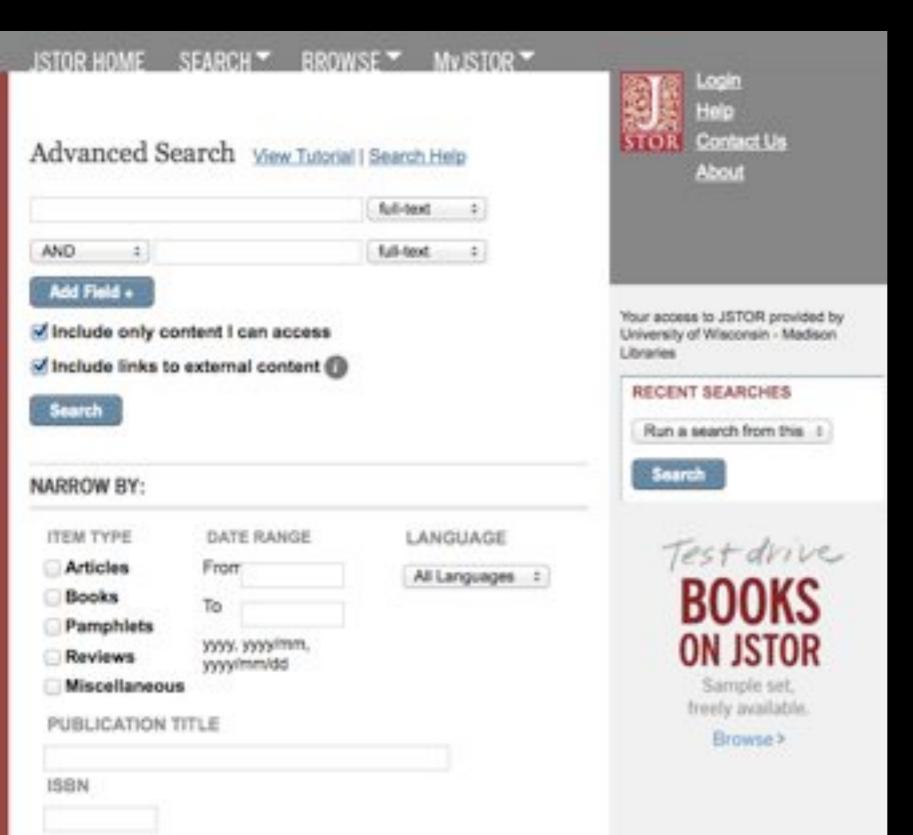
Scholarly communication!

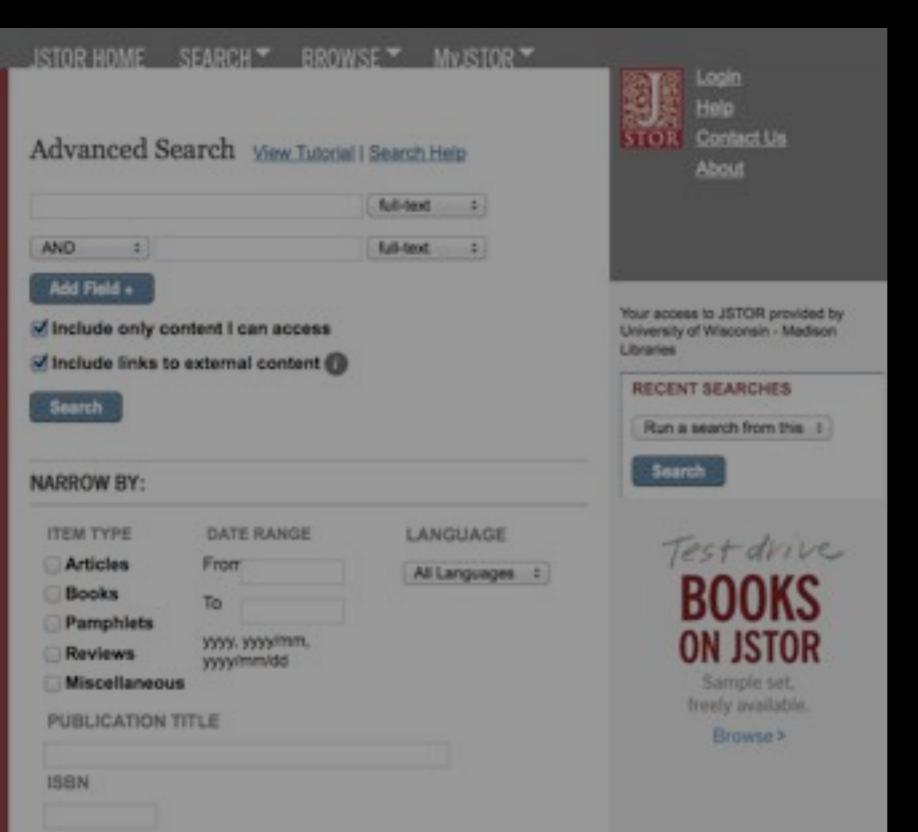
chances are you think

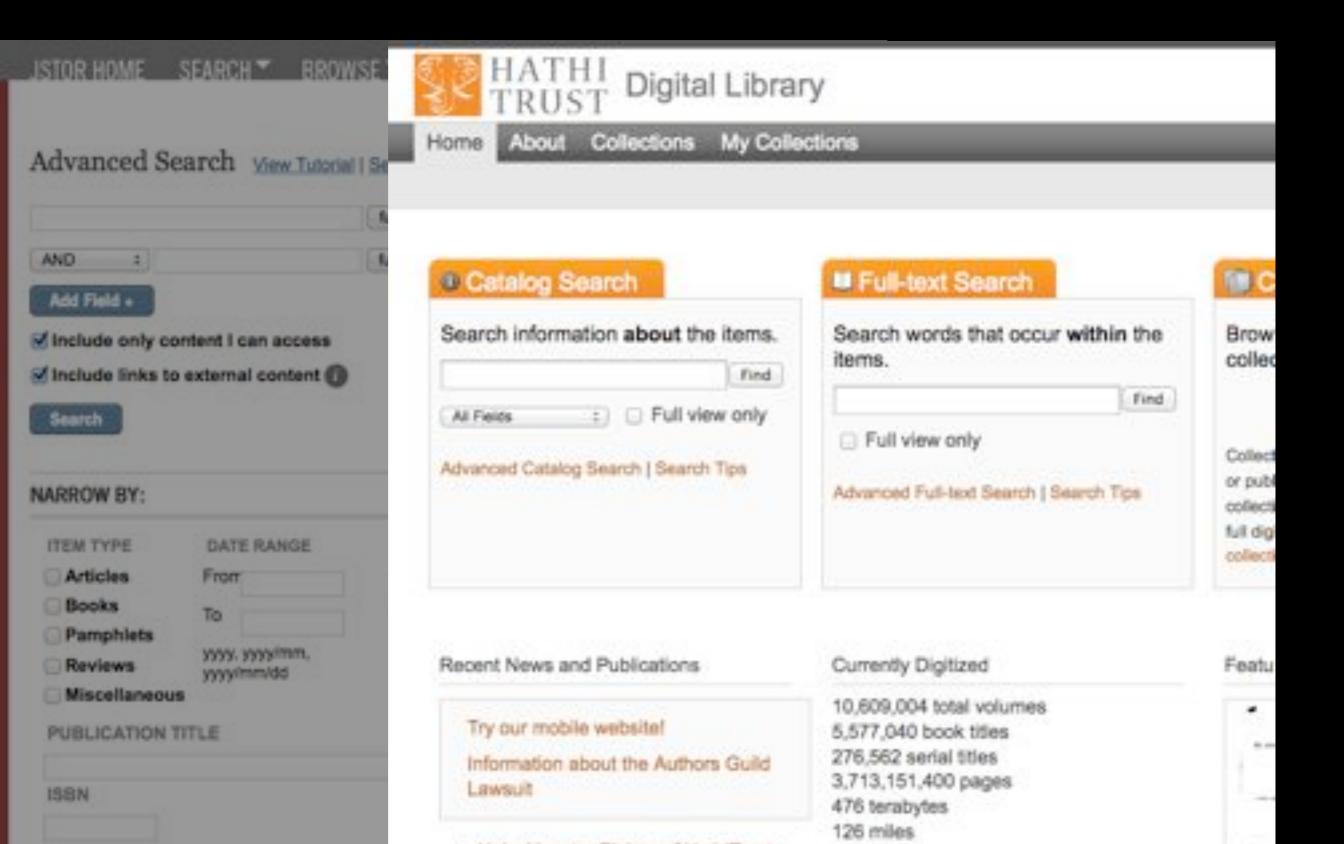


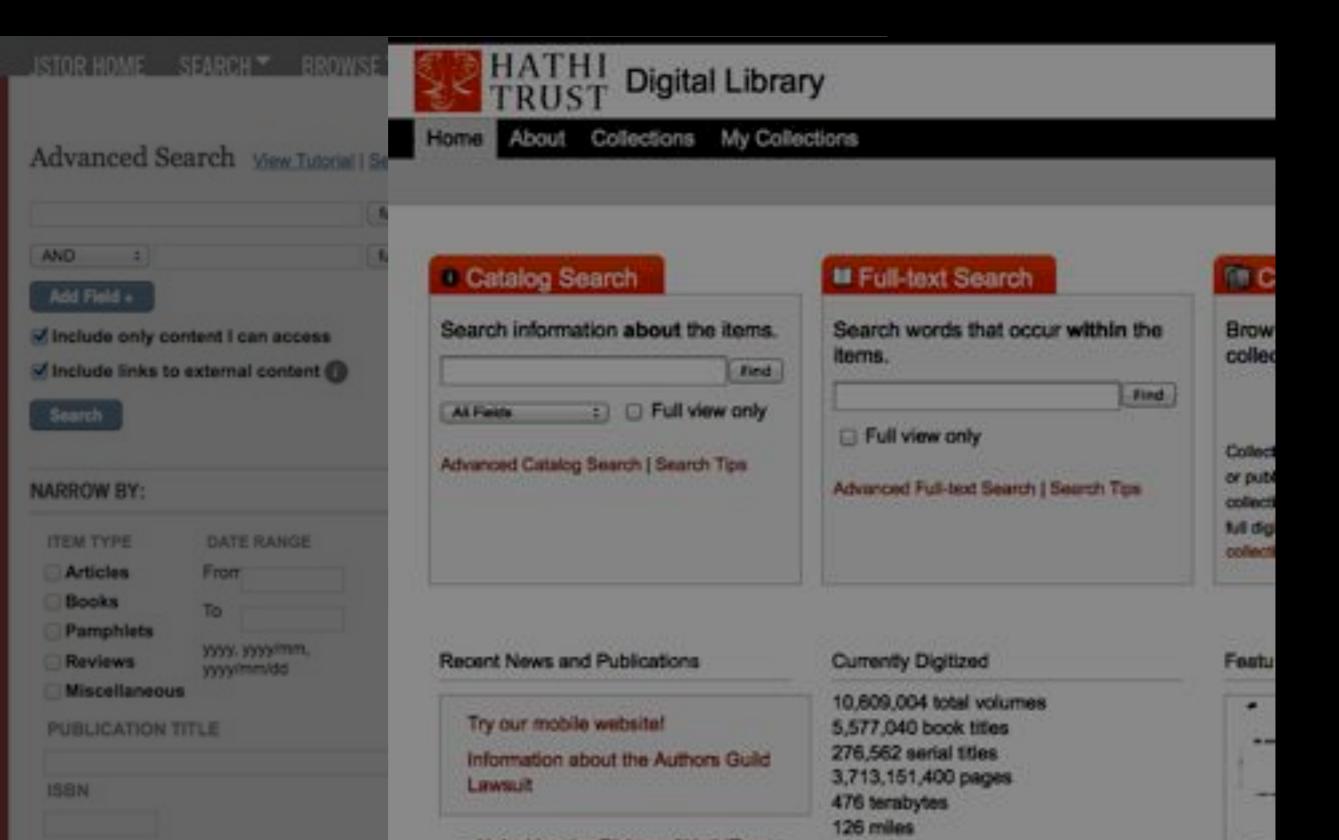
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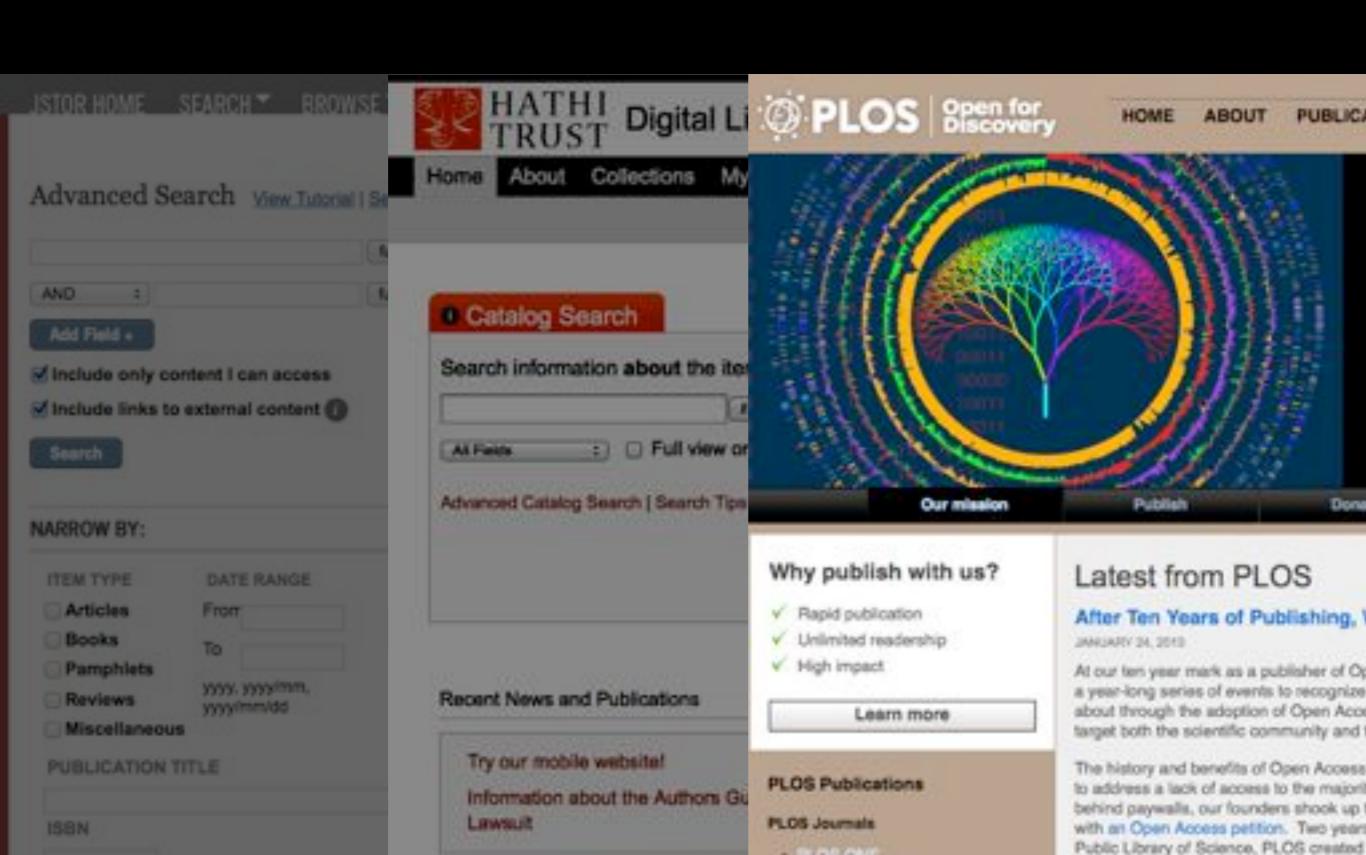
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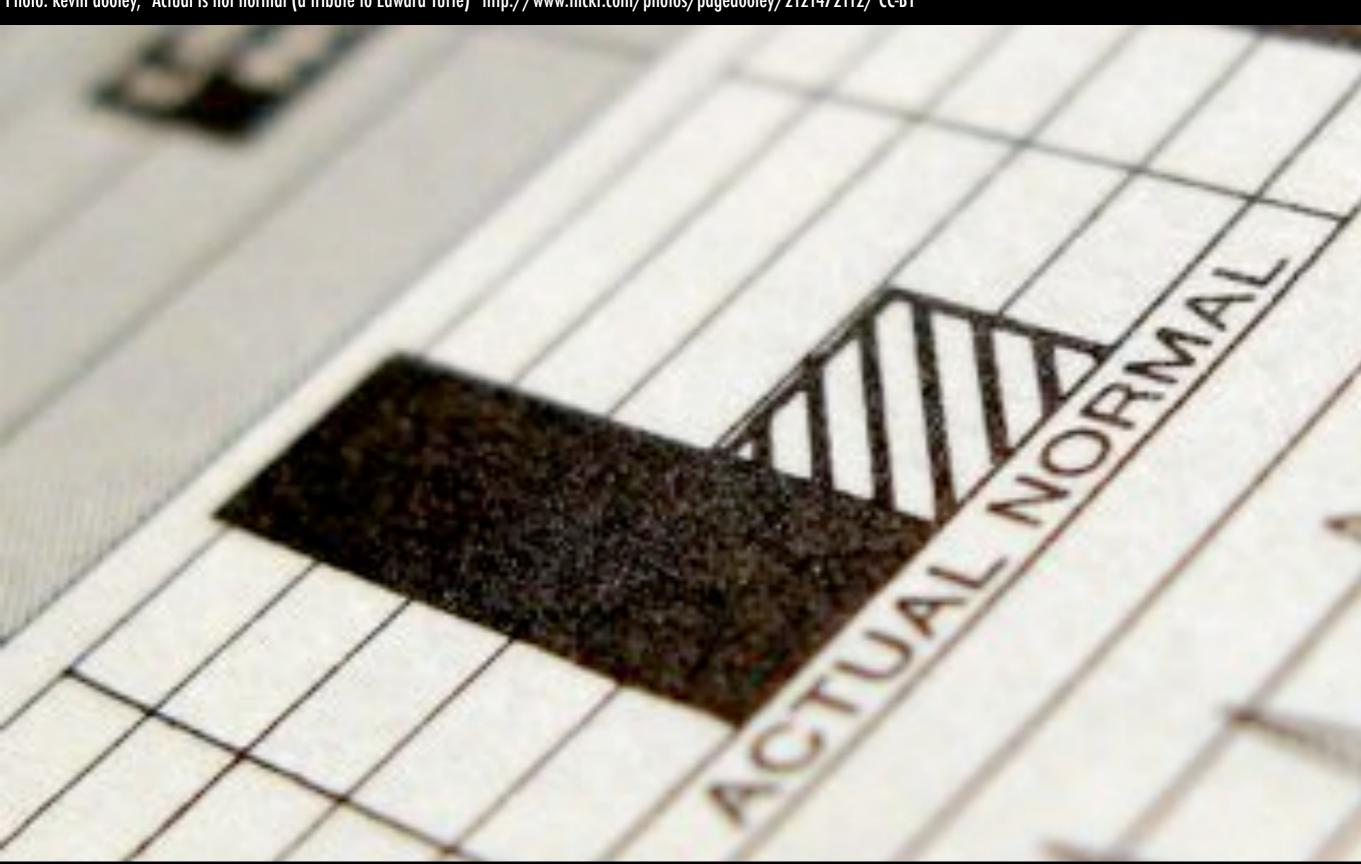
· PLOS ON

launching its first journal, PLOS Biology.

And when you think



Chances are you think Photo: kevin dooley, "Actual is not normal (a tribute to Edward Tufte)" http://www.flickr.com/photos/pagedooley/2121472112/ CC-BY



or

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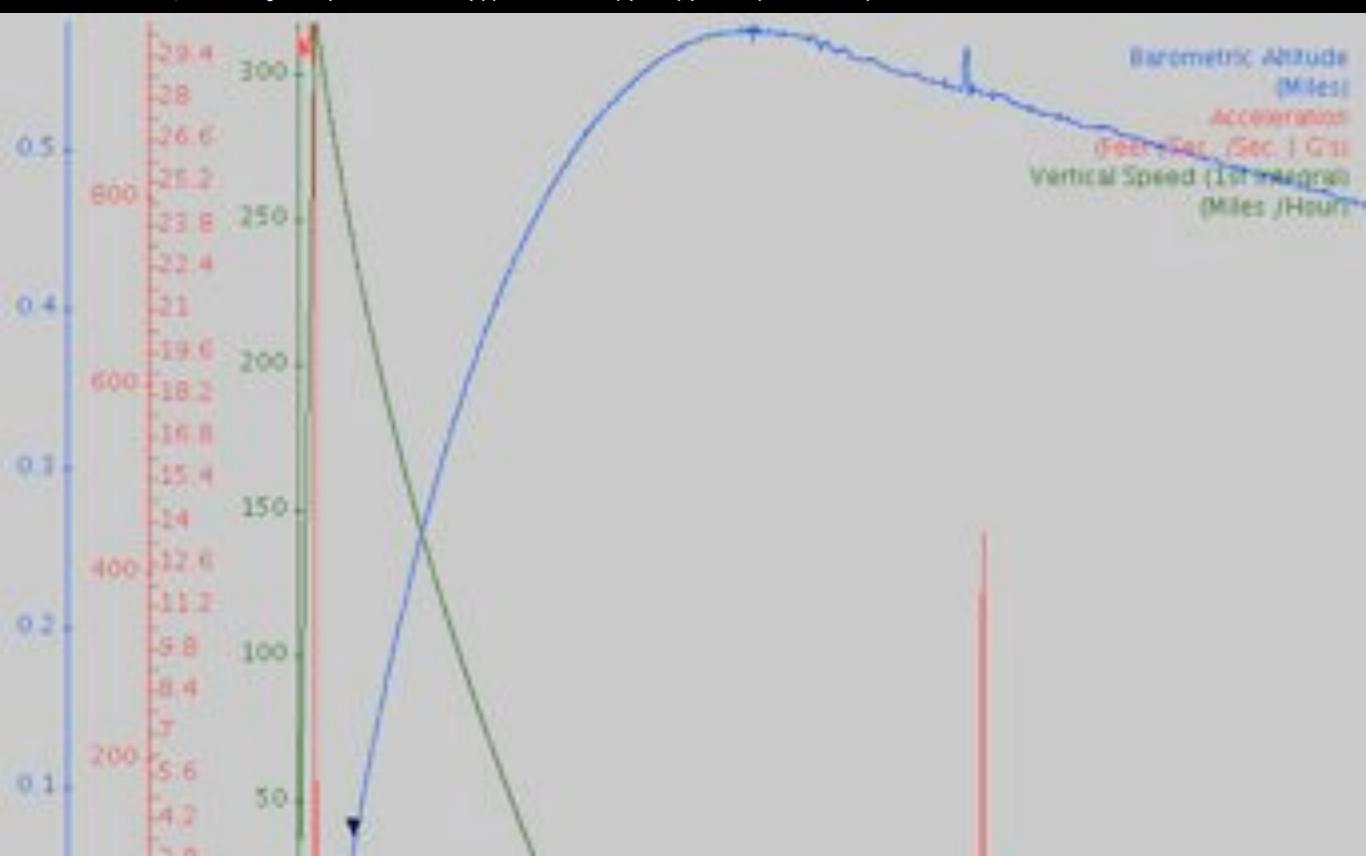
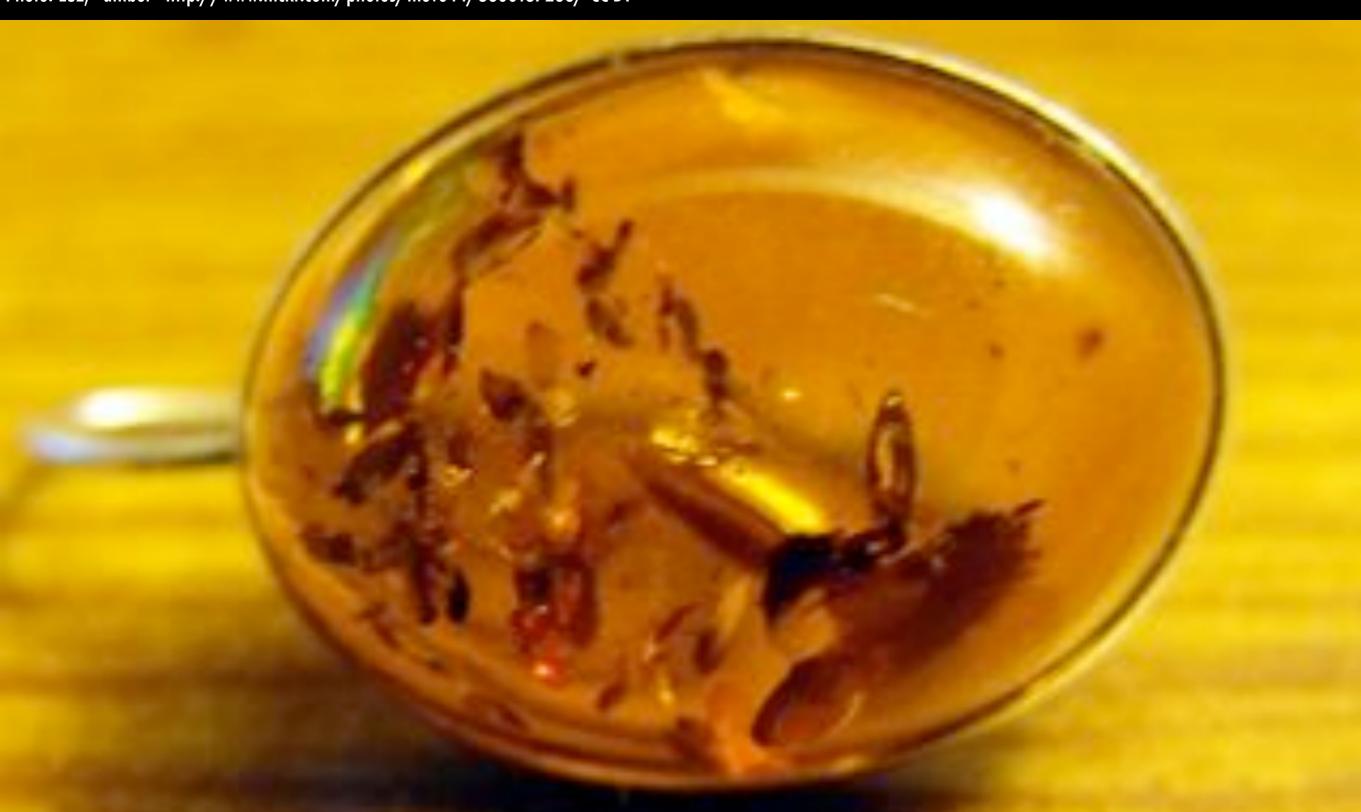


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Data trapped in amber

Photo: Luz, "amber" http://www.flickr.com/photos/nieve44/3800137286/CC-BY



Data trapped in notebooks

Photo: Steve Jurvetson, "How the Eagle Landed – the Grumman Construction Log" http://www.flickr.com/photos/jurvetson/7610058658/CC-BY Statement Street, Suprement Street, - 335 6 THE RESIDENCE THE PARTY NAMED IN COLUMN TWO with the River Admit Personal real property and the Berton Steel Steel Titled School Ashering & Householt and with a con-If the price had the company of the cost companys you STREET, SQUARE BY STREET party are a facility of the Party more and City NAME AND POST OFFICE ADDRESS OF TAXABLE PARTY. from Time, State of the Street, and London, STATES IN THE REST WHEN THE PARTY. AND IN PROPERTY NAMED IN THE OWNER, WHEN THE P. given been freezed bearings are the roughly being being THE REST THE PERSON NAMED IN COLUMN TWO property and the party of the P THE PERSON NAMED OF PERSONS ASSESSED. DESCRIPTION OF REAL PROPERTY AND ADDRESS. AND ADDRESS. ALL IN THE OF RESIDENCE ABOUT TO AND THE PARTY NAMED IN NAME AND ADDRESS OF TAXABLE PARTY. BUT I THE ROLL AND THE THE PARTY WAS IN The new control of the party of the AND DESIGNATION OF THE PERSON NAMED IN - discount policity had a read processed THE REAL PROPERTY AND ADDRESS OF THE PARTY. A SANSA SERVICES THE RESERVE OF MALE DISTRIBUTE OF I THE R A LANGE CONTRACT DESCRIPTION OF Man and the second Before have Employed beautiful to Distance within at the Party of the Residence of the Property of the Printers Build activities to the other revenue from the or of the the recovery by with age or hardward at a men have Philippers, married and The Chicken Co. of Secret 14 Secret 1 Digital Annual Sept. 141 Test. 151 Surveys works remakes the few operate many strong law, B. Colonicating Total Springer-with Alberta THE REPORT WHERE AND THE PARTY OFFICE AND Developed by the body, which is not clark for THE RESIDENCE PARTY PROPERTY. S. Stand ... Stan Work Bloom Steel hard a strong of the ball of the first a distribution of page, broad on Standard and County of the Real Part and the Part and the County of the a distribution, the control of against an extension, the Control of the Control o Subject patricipation of the street way was a subject to the street support to the taken had all printed of discoulding evolutions. the street, the same reason is the other

But that's changing!

(you know, just like everything else, right?)

Hey! You got your

scholarly communication

in my

data

Hey! You got your

data

in my

scholarly communication!

Let's see both of those in action.

(and talk about where we fit in)

Hey! You got your

scholarly communication

in my



Data-mining the literature

Photo: Janet Lindenmuth, "Setting Props" http://www.flickr.com/photos/j3net/3916541891/CC-BY



who owns metadata?

who's allowed to work with it?

what if it's locked behind a paywall?

Impact Factor

THE THOMSON REUTERS IMPACT FACTOR

This easely was originally published in the Current Contents print editions June 20, 1994, when Thomson Reuters was known as The Institute for Scientific Information® (ISIR).

See also: "The agony and the ecstasy: the history and meaning of the Journal Impact Factor"

Librarians and information scientists have been evaluating journals for at least 75 years. Gross and Gross conducted a classic study of citation patterns in the '20s.1 Others, including Estelle Brodman with her studies in the '40s of physiology journals and subsequent reviews of the process, followed this lead 2 However, the advent of the Thomson Reuters citation indexes made it possible to do computer-compiled statistical reports not only on the output of journals but also in terms of citation frequency. And in the '60s we invented the journal 'impact factor.' After using journal statistical data in-house to compile the Science Citation Index® (SCI®) for many years, Thomson Reuters began to publish Journal Citation Reports® (JCR®)3 in 1975 as part of the SCI and the Social Sciences Citation Index® (SSCI®).

Informed and careful use of these impact data is essential. Users may be tempted to jump to III-formed conclusions based on impact factor statistics unless several caveats are considered.

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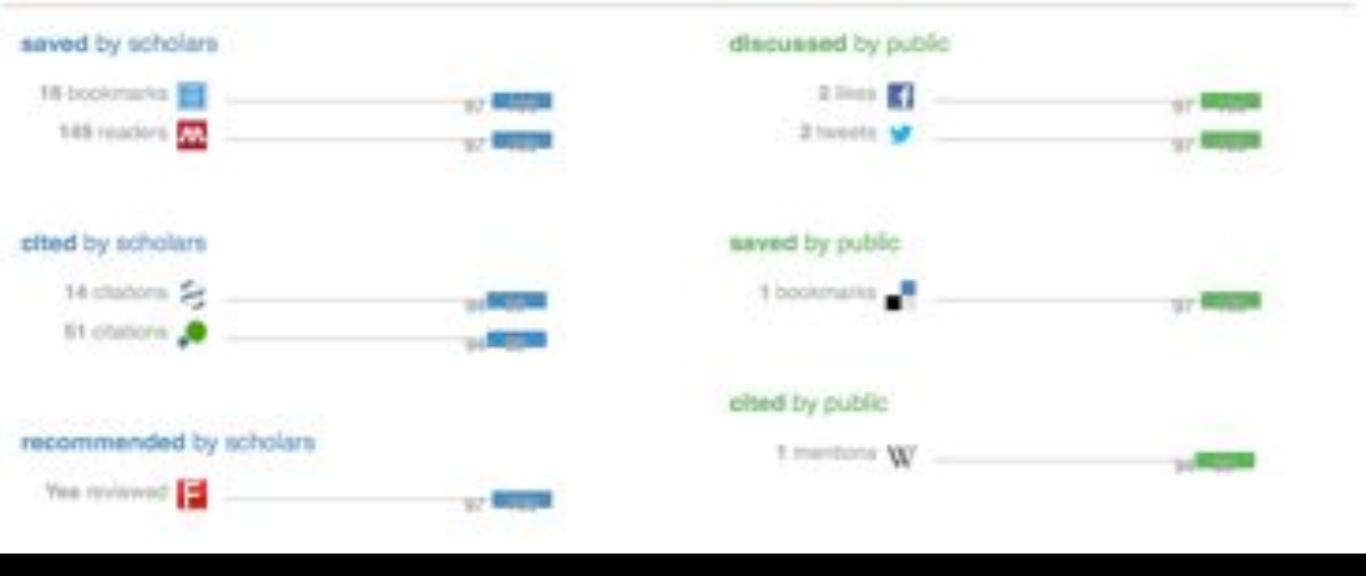
you're KIDDING me, right?

Informed and careful use of these impact data is essential. Users may be tempto:
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are considered.

#altmetrics: ImpactStory

Mega-phylogeny approach for comparative biology: an alternative to supertree and supermatrix approaches C

(2009) Smith, Beaulieu, Donoghue BMC Evol Blot



#altmetrics: ImpactStory

Mega-phylogeny approach for comparative biology: an alternative to supertree and supermatrix approaches C

(2009) Smith, Beautieu, Donoghue BMC Evol Biol



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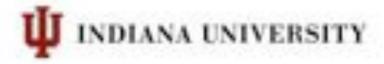
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Qualitative Research Interviews Sarah Knox and Alan Burkard

... but for machines!

Documentation

In

ImpactStory API, v1



Welcome to the the ImpactStory API, version 1.

ImpactStory is a service that makes it quick and easy to view the impact of a wide range of research output. It goes beyond traditional measurements of research output -- citations to papers -- to embrace a much broader evidence of use across a wide range of scholarly output types. The system aggregates impact data from many sources and displays it in a single report, which is given a permauri for dissemination and can be updated any time.

javascript display embed code

If you are collecting metrics to display on a webpage, we recommend you use our javascript embed code. Details here.

api base url

The base url of the REST API is http://api.lmpactstory.org/.

You may notice the example code below uses an API base of http://impactstory.apiary.io — we strongly recommend you replace this with our primary API base in your own code.

Hey! You got your

data

in my

scholarly communication!

Infrastructure

Photo: Steve Jurvetson, "Inverted Tension" http://www.flickr.com/photos/jurvetson/992371651/CC-BY



Funder policies





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Dissemination and Sharing of Research Results

NSF Data Sharing Policy

Investigators are expected to share with other researchers, at no more than incremental cost and within a reasonable time, the primary data, samples, physical collections and other supporting materials created or gathered in the course of work under NSF grants. Grantees are expected to encourage and facilitate such sharing. See Award & Administration Guide (AAG) Chapter VLD.4.

NSF Data Management Plan Requirements

Proposals submitted or due on or after January 18, 2011, must include a supplementary document of no more than two pages labeled "Data Management Plan". This supplementary document should describe how the proposal will conform to NSF policy on the dissemination and sharing of research results. See Grant Proposal Guide (GPG) Charter II C 2 i for full notice implementation

Institutional data policies



THE UNIVERSITY OF WISCONSIN-MADISON

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The Graduate School

Policies and Procedures

Conflict of Interest

Conflict of Interest Regulatory Changes

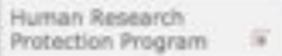
Institutional COI

Research Data & Tangible Research Property Policies

Ethical Principles, Federal & State Law

Export Control

Extramural Support Policies



PI Status

Outside Activities Reporting UW-Madison Policies on Research Data & Tangible Research Property Policies

Policy on Data Stewardship, Access and Retention

The University of Wisconsin-Madison has established this policy on Data Stewardship, Access and Retention to assure that research data are appropriately maintained, archived for a reasonable period of time, and available for review and use under the appropriate circumstances. The policy also provides for transfer of data in the event a research leaves UW-Madison.

This policy applies to all University of Wisconsin-Madison faculty, academic staff, visiting scholars, postdoctoral fellows or other trainees, research technicians, and graduate or undergraduate students and any other persons at UW-Madison involved in the design, conduct or reporting of research at or under the auspices of UW-Madison, and it applies to all research projects on which those individuals work, regardless of the source of funding for the project.

Journal data policies



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Digital Infrastructure: Research management programme.

Managing research data

Innovative Research Data Publication

 Journal Research Data Policy Bank (JoRD)

Home * Projects, programmes & services * ... * Innovative Research Data Publication = Journal Research Data Policy Bank (JoRD)

Journal Research Data Policy Bank (JoRD)

The Journal Research Data Policy Bank (JoRD) project will be conducting a feasibility study into the scope and shape of a sustainable service to collate and summarise journal policies on Research Data. The aim of this service will be to provide researchers, managers of research data and other stakeholders with an easy source of reference to understand and comply with Research Data policies.

Through maintaining a firm focus upon research literature and stakeholder. consultations, this project will identify and consult with a wide range of stakeholders (nationally and internationally) and look at journal policies on December Posts from loading increase to deliver detailed perspective and

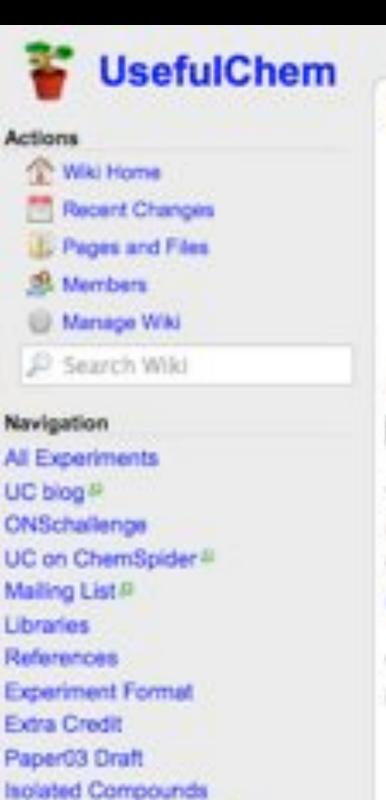
Capturing and managing data

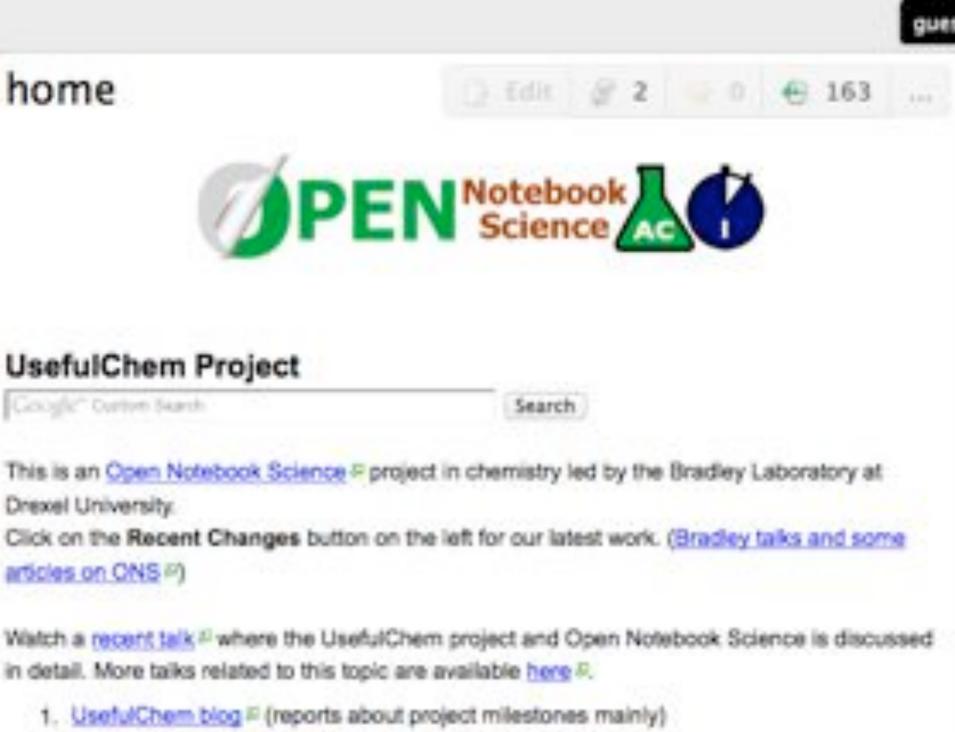


An open source tool helping researchers document, manage, and archive their tabular data, DataUp operates within the scientist's workflow and integrates with Microsoft® Excel.

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Capturing and managing data





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Use PURR to publish datasets with Digital Object Identifiers (DOI) that make it easier for people to cite your data and give you credit. Purdue is a founding member of DataCite, the international agency that registers DOIs for data.

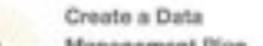
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3

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A multidisciplinary data repository for a consortium of universities in the Netherlands housing over...

A

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Addgene is a non-profit organization dedicated to making it easier for scientists to share plasmids....

Adult Blood Lead Epidemiology and Surveillance (ABLES) Interactive Database

ABLES provides data on lead exposure of adults in the United States. The data comes from laboratory...

Advanced Cooperative Arctic Data and Information Service (ACADIS)

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Helping you to find, access, and reuse data

What is DataCite?

We are a not-for-profit organisation formed in London on 1 December 2009. Our aim is to:

- establish easier access to research data on the Internet.
- increase acceptance of research data as legitimate, citable contributions to the scholarly record
- support data archiving that will permit results to be verified and re-purposed for future study.

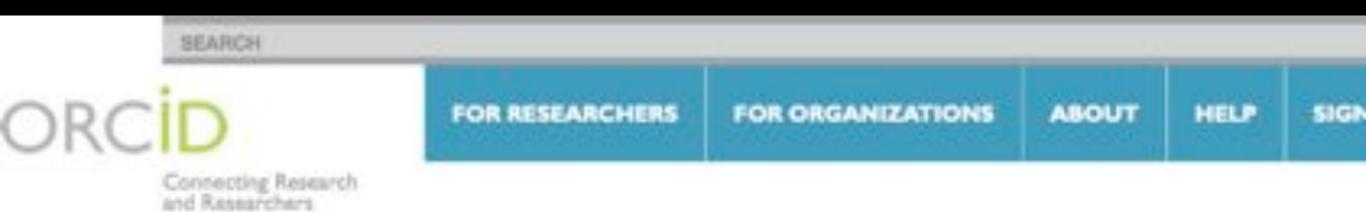
Why cite data?

What is DataCite?

What do

We are such and hard them to the Wall-Street and the

Citation infrastructure: name authority control



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ORCID provides a persistent digital identifier that distinguishes you from every other researcher and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized. Find out more.





Human infrastructure: education and training



